

INFORMATION DISCLOSURE STATEMENT

Atty. Docket No.: P-9877.09

Serial No.: 10/716,799

Applicant(s): Guenst et al

Filing Date: 11-19-2003

Group:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
/SG/	452,131	05/1891	Haughawout			
	3,783,873	01/1974	Jacobs	128	303R	
	4,049,002	09/1977	Kletschka et al	128	318	
	4,306,561	12/1981	De Medinaceli	128	303.13	
	4,688,570	08/1987	Kramer et al	128	305	
	4,726,356	02/1988	Santilli et al	128	20	
	4,925,443	05/1990	Heilman et al	600	15	
	4,955,896	09/1990	Freeman	606	210	
	4,973,300	11/1990	Wright	600	37	
	5,098,369	03/1992	Heilman et al	600	15	
	5,119,804	06/1992	Anstadt	12	64	
	5,131,905	07/1992	Grooters	600	15	
	5,300,087	04/1994	Knoepfler	606	207	
	5,336,252	08/1994	Cohen	607	119	
	5,374,277	12/1994	Hassler	606	207	
	5,383,840	01/1995	Heilman et al	600	17	
	5,417,709	05/1995	Slater	606	205	
	5,452,733	09/1995	Sterman et al	128	898	
	3,858,926	01/1975	Ottenhues	294	64 R	
	4,366,819	01/1983	Kaster	128	334 C	
	4,368,736	01/1983	Kaster	128	334 C	
	4,646,747	03/1987	Lundback	128	643	
	4,718,418	01/1988	L'Esperance, Jr.	128	303.1	
	4,808,163	02/1989	Laub	604	105	
	4,854,318	08/1989	Solem et al	128	346	
	4,865,019	09/1989	Phillips	128	20	
	4,989,587	02/1991	Farley	128	20	
	5,011,469	04/1991	Buckberg et al	604	4	
	5,053,041	10/1991	Ansari et al	606	148	
	5,167,223	12/1992	Koros et al	128	20	
	5,287,861	02/1994	Wilk	128	898	
/SG/	5,365,921	11/1994	Bookwalter et al	128	20	

EXAMINER

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



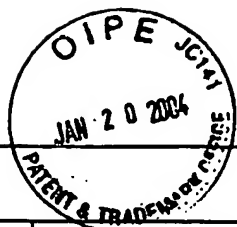
U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
/SG/	5,372,124	12/1994	Takayama et al	128	4	
	5,425,705	06/1995	Evard et al	604	28	
	5,437,651	08/1995	Todd et al	604	113	
	5,807,243	09/1998	Vierra et al	600	204	
	5,108,412	04/1992	Krumeich et al	606	166	
	5,749,892	05/1998	Vierra et al	600	204	
	4,718,418	01/1988	L'Esperance, Jr.	128	103.1	
	5,607,421	03/1997	Jeevanandam et al	606	15	
	4,991,578	02/1991	Cohen	128	419 D	
	5,009,660	04/1991	Clapham	606	166	
	4,962,758	10/1990	Lasner et al	128	41	
	5,545,123	08/1996	Oritz et al	600	235	
	5,836,311	11/1998	Borst et al	128	897	
	6,015,378	01/2000	Borst et al	600	17	
	4,904,012	02/1990	Nishiguchi et al	294	64	
	3,786,815	01/1974	Ericson	128	121	
	4,711,247	12/1987	Fishman	128	143	
	3,951,138	04/1976	Akopov	128	17	
	6,110,187	08/2000	Donlon	606	151	
	5,894,843	04/1999	Benetti et al	128	898	
	6,063,021	05/2000	Hossain et al	600	17	
	4,767,142	08/1988	Takahashi et al	294	64.1	
	5,207,467	05/1993	Smith	294	64.1	
	5,727,569	03/1998	Benetti et al	128	898	
	5,927,284	07/1999	Borst et al	128	898	
	6,019,722	02/2000	Spence et al	600	210	
	5,782,746	07/1998	Wright	600	17	
	4,096,864	06/1978	Kletschka et al	128	354	
	5,556,147	09/1996	Somekh et al	294	64.1	
	5,667,624	09/1997	Akimoto et al	156	389	
	4,892,343	01/1990	Hall	294	64.1	
	5,290,082	03/1994	Palmer et al	294	64.1	
	5,702,420	12/1997	Sterling et al	606	205	
	5,133,737	07/1992	Grismer	606	205	
/SG/	3,916,909	11/1975	Kletschka et al	128	354	

EXAMINER

Date Considered

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
/SGI/	4,627,421	12/1986	Symbas et al	128	20	
	4,637,377	01/1987	Loop	128	R	
	5,171,254	12/1992	Sher	606	66	
	4,047,532	09/1977	Phillips et al	128	303 R	
	5,613,937	03/1997	Garrison et al	600	201	
	5,509,890	04/1996	Kazama	600	37	
	5,472,438	12/1995	Schmit et al	606		
	4,736,749	04/1988	Lundback	128	643	
	3,720,433	03/1973	Rosfelder	294	64 R	
	3,999,795	12/1976	Barker	294	64 R	
	4,314,568	02/1982	Loving	128	327	
	4,463,980	08/1984	Orii	294	64 R	
	5,324,087	06/1994	Shimose et al	294	64.1	
	5,875,782	03/1999	Ferrari et al	128	898	
	5,906,607	05/1999	Taylor et al	606	1	
	6,032,672	03/2000	Taylor	128	898	
	6,071,235	06/2000	Furnish et al	600	235	
	6,139,492	10/2000	Vierra et al	600	204	
	3,577,982	05/1971	La Par	128	2R	
	4,447,227	05/1984	Kotsanis	604	95	
	5,799,661	09/1998	Boyd et al	128	898	
	5,827,216	10/1998	Igo et al	604	21	
	3,983,863	10/1976	Janke et al	128	1 R	
	4,973,300	11/1990	Wright	600	37	
	4,350,160	09/1982	Kolesov	128	334 R	
	5,865,730	02/1999	Fox et al	600	228	
	5,876,332	03/1999	Looney	600	227	
	5,891,017	04/1999	Swindle et al	600	205	
	5,984,864	11/1999	Fox et al	600	201	
	6,007,486	12/1999	Hunt et al	600	205	
	6,033,362	03/2000	Cohn	600	213	
	6,036,641	03/2000	Taylor et al	600	231	
/SGI/	6,113,534	09/2000	Koros et al	600	213	

EXAMINER

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820
(Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce



U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
/SG/	5,865,730	02-02-1999	Fox et al	600	228	
	5,885,271	03-23-1999	Hamilton et al	303	1	
	5,891,017	04-06-1999	Swindle et al	600	205	
	5,957,835	09-28-1999	Anderson et al	600	201	
	5,967,972	10-19-1999	Santilli et al	600	232	
	6,030,340	02-29-2000	Maffei et al	600	233	
	5,976,080	11-02-1999	Farascioni	600	213	
	6,033,362	03-07-2000	Cohn	600	213	
	6,036,641	03-14-2000	Taylor et al	600	231	
	6,102,854	08-15-2000	Cartier et al	600	228	
	2,590,527	03-25-1952	Fluck			
	4,049,000	09-20-1977	Williams	128	279	
	4,428,368	01-31-1984	Torii	128	33	
	4,852,552	08-01-1989	Chaux	128	20	
	5,503,617	04-02-1996	Jako	600	201	
	5,730,757	03-24-1998	Benetti et al	606	198	
	5,772,583	06-30-1998	Wright et al	600	232	
	5,782,746	07-21-1998	Wright	600	37	
	5,888,247	03-30-1998	Benetti	623	66	
	5,947,896	09-07-1999	Sherts et al	600	229	
	5,976,171	11-02-1999	Taylor	606	198	
	6,017,304	01-25-2000	Vierra et al	600	204	
	6,050,266	04-18-2000	Benetti et al	128	898	
	6,152,874	11-28-2000	Looney et al	600	214	
	5,238,334	05-29-2001	Easterbrook, III et al	600	16	
	5,927,284	07-27-1999	Borst et al	128	898	
	5,836,311	11-17-1998	Borst et al	128	897	
	6,258,023	07-10-2001	Rogers et al	600	37	
	6,251,065	06-26-2001	Kochamba et al	600	37	
	6,210,323	04-03-2001	Gilhuly et al	600	210	
	6,071,295	06-06-2000	Takahashi	606	191	
	6,213,941	04-10-2001	Benetti et al	600	235	
	6,506,149	01-14-2003	Peng et al	600	37	
	6,589,166	07-08-2003	Knight et al	600	205	
/SG/	6,602,183	08-05-2003	Levi et al	600	37	

EXAMINER

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

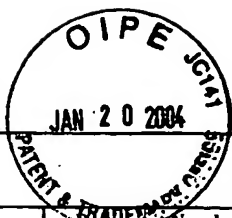
Based on Form PTO-FB-A820

Patent and Trademark Office, U.S. Department of Commerce

(Also form PTO-1449)

[illegible]**Date Considered**

Patent and Trademark Office, U.S. Department of Commerce



FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	SubClass	Translation	
							Yes	No
/SG/		WO 96/00033	01/1996	PCT			X	
/SG/		WO 94/03142	02/1994	PCT			X	
/SG/		0 293 760 A3	05/1988	EPO			X	
		DE 29708050	05/1997	Germany				X
		G 9004513.0	04/1990	Germany				X
/SG/		WO 87/04081	07/1987	PCT			X	
		WO 88/00481	01/1988	PCT			X	
		WO 94/14383	07/1994	PCT			X	
		WO 95/15715	06/1995	PCT			X	
		WO 95/17127	06/1995	PCT			X	
		WO 97/10753	03/1997	PCT			X	
		WO 95/01757	01/1995	PCT			X	
		WO 98/10705	03/1998	PCT			X	
		WO 98/17182	04/1998	PCT			X	
		WO 98/27869	07/1998	PCT			X	
		GB 2267827	12/1993	United Kingdom			X	
		0 630 629 A1	12/1994	EPO			X	
		0 668 058 A1	08/1995	EPO			X	
		0 808 606 A1	11/1997	EPO			X	
		0 167 345 A1	01/1986	EPO			X	
		0 920 835 A1	06/1999	EPO			X	
		WO 99/16367	04/1999	PCT			X	
		GB 2 140 695A	12/1984	UK			X	
		GB 2 214 428A	09/1989	UK			X	
/SG/		GB 2 214 428B	06/1991	UK			X	
		0 432 360 A2	11/1990	EPO				X
/SG/		WO 94/14715	07/1994	PCT			X	
		WO 94/18881	09/1994	PCT			X	
		0 908 139 A1	04/1999	EPO			X	
		0 919 193 A1	06/1999	EPO			X	
		WO 00/06041	02-10-2000	PCT			X	
		WO 97/40751	11-06-1997	PCT			X	
		WO 98/49947	11-12-1998	PCT			X	
		WO 98/48703	11-05-1998	PCT			X	
		WO 99/08585	02-25-1999	PCT			X	
/SG/		WO 99/09892	03-04-1999	PCT			X	

EXAMINER

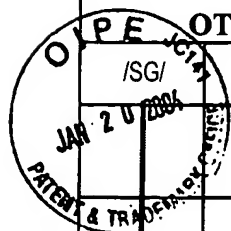
Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[illegible]**Date Considered**

**Based on Form PTO-FB-A820
(Also form PTO-1449)**

Patent and Trademark Office, U.S. Department of Commerce



OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)			
			Mammary Artery-Coronary Artery Anastomosis as Method of Treatment for Angina Pectoris, V.I. Kolessov, MD/Thoracic and Cardiovascular Surgery, Vol. 54, No. 4, Oct 1967 pp 535-544
			Direct Myocardial Revascularization by Saphenous Vein Graft, R.G. Favaloro, MD; DG Effler, MD; LK Groves, MD; WG Sheldon, MD; and FM Sones, Jr., MD / The Annals of Thoracic Surgery, Vol. 10, No. 2, Aug. 1970
			A Simple Technique and Device To Provide a Bloodless Operative Field in Coronary Artery Surgery Without Cross-Clamping the Aorta, M. Riahi, RJ Schlosser and LA Tomastis/The Journal of Thoracic and Cardiovascular Surgery, Vol. 66, No. 6, Dec. 1973, pp. 974-978
			To Use or Not To Use the Pump Oxygenator in Coronary Bypass Operations, Drs. WG Trapp and R. Bisarya/The Annals of Thoracic Surgery, Vol. 19, No. 1, Jan 1975, pp. 108-109
			A Prospective Evaluation of the Pulsatile Assist Device, GL Zumbro, Jr., MD; G Shearer, CCP; ME Fishback, MD; and RF Galloway, MD / The Annals of Thoracic Surgery, Vol 28, No. 2 Aug. 1979, pp. 269-273
			Preservation of Interventricular Septal Function in Patients Having Coronary Artery Bypass Grafts Without Cardiopulmonary Bypass, CW Akins, MD; CA Boucher, MD; and GM Pohost, MD / American Heart Journal, Vol. 107, No. 2, Feb. 1984, pp. 304-309
			Coronary Artery Revascularization Without Cardiopulmonary Bypass, R. Archer, DO; DA Ott, MD; R. Parravicini, MD; DA Cooley, MD; GJ Reul, MD; OH Frazier, MD; JM Duncan, MD; JJ Livesay, MD and WE Walker, MD, Texas Heart Institute Journal, Vol. 11, No. 1, Mar. 1984, pp. 52-57
			Direct Myocardial Revascularization Without Cardiopulmonary Bypass, E. Buffolo; JCS Andrade, J Succi; LEV Leao; and C Gallucci. Thoac. Cardiovasc. Surgeon, 33 (1985) pp. 26-29
			Direct Coronary Surgery with Saphenous Vein Bypass Without Eigher Cardiopulmonary Bypass or Cardiac Arrest, FJ Benetti, The Journal of Cardiovascular Surgery, Vol. 26, No. 3, May-Jun. 1985, pp. 217-222
			Heart-Mechanical Assist Device Interaction, JY Kresh; PLM Kerkhof; SM Goldman; and SK Brockman, Trans. Am. Soc. Artif. Intern. Organs, Vol XXXII, 1986, pp. 437-443
			Delayed Recovery of Severaly 'Stunned' Myocardium with the Support of a Left Ventricular Assist Device after Coronary Artery Bypass Graft Surgery, CM Ballantyne MD; MS verani, MD, FACC; HD Short, MD; C Hyatt, BSN, RN; GP Noon, MD, FACC, Journal of the American College of Cardiology, Vol. 10, No. 3, Sep. 1987, pp. 710-712
			Long-Term Follow-up of Survivors of Postcardiotomy Circulatory Support, SA Ruzevich; KR Kanter; DG Pennington; MT Swartz; LR McBride; and DT Termuhlen, Trans. Am. Soc. Artif. Intern. Organs, Vol. XXXIV, 1988, pp. 116-124
			Extended Clinical Support with an Implantable Left Ventricular Assist Device, MG McGee; SM Parnis; T Nakatani; T Myers; K Dasse; WD Hare; JM Duncan; VL Poirier; and OH Frazier, Trans Am. Soc. Artif. Intern. Organs, Vol XXXV, 1989, pp. 614-616
			Current Status of Cardiac Surgery: A 40-Year Review, WE Richenbacher, MD; JL Myers, MD, FACC; JA Walhausen, MD, FACC, Journal of American College of Cardiology, Vol. 14, No. 3, Sep. 1989, pp. 535-544
			Transfemoral Placement of the Left Ventricular Assist Device "Hemopump" During Mechanical Resuscitation, KH Scholz; U Tebbe; M Chemmitius; H Kreuzer; T Schroder; JP Hering; P Uhlig; G Hellige; HJ Grone; R Autschbach; B Schorn; W Ruschewski; and H Dalichau, Thoracic and Cardiovascular Surgeon, Vol 38 (1990) pp. 69-72
			Direct Mechanical Ventricular Actuation for Cardiac Arrest in Humans, MP Anstadt, MD; RL Bartlett, MD; JP Malone, MD, FCCP; and GL Anstadt, VMD; Chest, Vol. 100, No. 1, Jul 1991
ISGI/			Direct Myocardial Revascularization Without Extracorpoeal Circulation, FJ Benetti, MD; G Naselli, MD; M Wood, MD; and L Geffner, MD, Chest, Vol. 100, No. 2, Aug. 1991, pp. 312-316
EXAMINER			Date Considered

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

ISG/		Coronary Artery Bypass Without Cardiopulmonary Bypass, Pfister et al, The Annals of Thoracic Surgery, Vol. 54 #6 Dec. 1992 pp. 1085-1092
		Coronary Artery Operation Supported by the Hemopump: An Experimental Study on Pig, U Lonn, MD; B Peterzen, MD; H Granfeldt, MD; and H Casimir-Ahn, MD, Ph.D. The Annals of Thoracic Surgery, Vol. 58, No. 1, Jul. 1994, pp. 516-523
		Regional Cardiac Wall Immobilization for Open Chest and Closed Chest Coronary Artery Bypass Grafting on the Beating Heart: The 'Octopus' Method, Circulation, Vol 92. No. 8 Supplement 1, I-177 (Oct. 15, 1995)
		A Minimally Invasive Surgical Method for Coronary Revascularization - Preliminary Experience in Five Patients, MC Robinson, DR Gross, and W Zeman, Circulation, (Oct. 15, 1995) Vol. 92, No. 8, I-176
		Coronary Artery Bypass Grafting Without Cardiopulmonary Bypass and Without Interruption of Native Coronary Flow Using a Novel Astamosis Site Restraining Device ("Octopus"), C. Borst et al., Journal of the American College of Cardiology, Vol. 27, No. 6, 1356-1364 (May 1996)
		Cardiogenic Shock Complicating Acute Myocardial Infarction: the Use of Coronary Angioplasty and the Integration of the New Support Device into Patient Management, GM Gacioch, MD; Stephen G. Ellism, MD, FACC; L Lee, MD; ER Bates, MD, FACC; M Kirsh, MD, FACC; JA Walton, MD, FACC; EH Topol, MD, FACC, Journal of the American College of Cardiology, Vol. 19, No. 3, Mar. 1, 1992
		Reoperative Coronary Artery Bypass Grafting Without Cardiopulmonary Bypass, WJ Fanning, MD; GS Kakos, MD; and TE Williams, Jr., MD, Ph.D.; The Annals of Thoracic Surgery, Vol. 55, No. 2, Feb. 1993, pp. 486-489
		Enhanced Preservation of Acutely Ischemic Myocardium with Transeptal Left Ventricular Assist, JD Fonger, MD; Y Zhou, MD; H Matsuura, MD; GS Aldea, MD; and RJ Shemin, MD, The Annals of Thoracic Surgery, Vol. 57, No. 3, Mar. 1994, pp. 570-575
ISG/		Transcatheter Radiofrequency Ablation of Atrial Tissue Using a Suction Catheter, Th Laverigne et al. (PACE, Vol. 12, Jan. 1989, Part II, pp. 177-186
		Abstract. "Closed Chest Coronary Artery Bypass With Cardioplegic Arrest in the Dog", Stevens et al. 67 th Scientific Sessions
ISG/		Placement of Coronary Artery Bypass Graft without Pump Oxygenator, Trapp et al., Journal of The Society of Thoracic Surgeons and The Southern Thoracic Surgical Assn. Vol. 19. No. 7 Jan. 1975
		Experimental Videothoroscopic Cannulation of the Left Atrial Appendix: A Feasible Rapid Approach For Initiating Left Heart Bypass? PF Gründeman; DW Meijer; JIG Bannenberg; R tukkie; and PJ Klopper, Surgical Endoscopy (1993) 7: 511-513
		The LAST Operation: Techniques and Results Before and After the Stabilization Era, Antonio M. Calafiore, MD; Giuseppe Vitolla, MD; Valerio Massei, MD; Giovanni Teodori, MD; Gabriele Di Giammarco, MD; Teresa Iovino, MD and Angela Iaco, MD; Ann Thorac Surg 1998; 66:998-1001
		Hybrid-Type Stabilizer for Off-Pump Direct Coronary Artery Bypass Grafting, by: Toshio Konishi, M.D.; Kazuhiko Higuchi, M.D.; Mutumu Fukata, M.D.; Shinji Akisima, M.D.; and Shiji Fukuda, M.D.; Ann Thorac Surgery 1998; 66:961-2
		A.J. DELROSSI, M.D., and G.M. LEMORE, M.D., A New Retractor to Aid in Coronary Artery Surgery, The Annals of Thoracic and Cardiovascular Surgery, Vol 36 July 1983, pp 101-102
		STEPHEN WESTABY, FRCS AND FEDERICO J. BENETTI, M.D.; Less Invasive Coronary Surgery: Consensus from the Oxford Meeting, Annals of Thoracic Surgery 1996, 62: 924-31
ISG/		Kolessov V.I. The Surgery of Coronary Arteries of the Heart, Leningrad, Meditsina, 1977, pp360. (Russian Article)

EXAMINER

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)



Kolessov V.I. The Surgery of Coronary Arteries of the Heart, Leningrad, Meditsina, 1977, pp360. (English Translation)

New Helper Instrument in Cardiac Surgery – D. Roux, M.D.; G. Fournial, M.D.; Y. Glock, M.D.; P. Dalous, M.D.; and P. Puel, M.D., Annal Thorac Surg. 1989;48:595-6

EXAMINER

/Samuel Gilbert/ (03/31/2007)

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.